

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Apparatus for stimulation of the human body, the apparatus comprising:

an array of stimulator elements arranged to be operated in a plurality of stimulator activation zone configurations so as to effect localised stimulation of said human body corresponding to each of said activation zone configurations; and

a user interface device including a selectable array of independent input zones, each input zone corresponding to a respective independent stimulator element, thereby permitting a user to relate each input zone of the interface device to the respective independent stimulator element, wherein the apparatus is operable in a mode in which the activation zone configuration of the array of stimulator elements is selected independently of the user and the user uses the interface device to identify the activation configuration as perceived by the user by selecting respective independent input zones of said user interface device.

2. (Currently Amended) Apparatus according to claim 1, wherein the interface device permits spatial and/or temporal correlation between the input zones of the interface device and the respective independent stimulator elements.

3. (Previously Presented) Apparatus according to claim 1, wherein the interface device includes an interface zone array corresponding to the positional spacing of activation zones of the array of stimulator elements.

4. (Previously Presented) Apparatus according to claim 1, wherein the interface device includes a screen providing output and/or permitting user input relating to the activation zones of the array of stimulator elements.

5. (Previously Presented) Apparatus according to claim 1, wherein the apparatus is operable in a second mode in which user input to the interface device determines the activation zone configuration of the array of stimulator elements.

6. (Original) Apparatus according to claim 5, wherein the interface device includes an input zone array corresponding spatially to the activation zone configuration of the array of stimulator elements.

7. (Canceled)

8. (Canceled)

9. (Previously Presented) Apparatus according to claims 5, permitting switching between modes.

10. (Previously Presented) Apparatus according to claim 1, further including means for storing results data.

11. (Previously Presented) Apparatus according to claim 1, wherein the array of stimulator elements are carried in a predetermined spatial relationship on a support member.

12. (Original) Apparatus according to claim 11, wherein the support member comprises a garment to be worn by the user.

13. (Original) Apparatus according to claim 12, wherein the garment comprises a corset to be worn by the user.

14. (Original) Apparatus according to claim 11, wherein the support member comprises an implant for insertion in the body.

15. (Currently Amended) Apparatus according to claim 11, wherein the support member includes barrier zones about the independent stimulator elements to maximize attenuation beyond the locality of the independent stimulator elements.

16. (Currently Amended) Apparatus according to claim 1, wherein the independent stimulator elements are arranged grid-wise in rows and columns.

17. (Currently Amended) Apparatus according to claim 1, wherein the independent stimulator elements comprise vibrator devices.

18. (Currently Amended) Apparatus according to claim 1, wherein the stimulation intensity of the independent stimulator elements can be varied.

19. (Currently Amended) Apparatus according to claim 1, wherein the activation duration of the independent stimulator elements can be varied.

20. (Previously Presented) Apparatus according to claim 1, including a control arrangement to control the interaction between the interface device and the stimulator element array.

21. (Previously Presented) Apparatus according to claim 1, wherein the apparatus includes data transmitting means whereby results from the apparatus can be downloaded to a processor by wire or wireless connections.

22. (Original) Apparatus according to claim 21 wherein the processor forms part of on or more of: a personal computer, a palm top computer, a lap top computer, a mobile phone, or a custom built device.

23. (Currently Amended) A method of stimulation of the human body, the method comprising stimulating the surface of the body with an array of independent stimulator elements, the array being operated to activate an activation zone configuration from a plurality of potential activation zone configurations, wherein the user interfaces with an interface device including a selectable array of independent interface zones, each interface zone corresponding to a respective one of the independent stimulator elements, thereby permitting a user to relate each independent interface zone of the interface device to the respective independent stimulator element, such that interface zones of the interface device selected by the user correlate to the active activation zone configuration of the respective stimulator elements.

24. (Currently Amended) A method according to claim 23, wherein the interface device includes an array of interface zones corresponding spatially to independent stimulator element activation zones.

25. (Currently Amended) A method according to claim 23, wherein the user input to a spatial input zone array of the interface device effects a corresponding independent spatial activation of the stimulator array.

26. (Currently Amended) A method according to claim 23, wherein the activation zone of the stimulator element array is selected independently of the user, the users input to a spatial input array of the interface device being used to identify the users perception of the activation configuration of the array of independent stimulator elements.

27. (Currently Amended) An apparatus for stimulation of the human body, the apparatus comprising:
an array of stimulator elements arranged to be operated in any selected one of a plurality of stimulator activation zone configurations so as to provide repeated localised external

stimulation at one or more locations on the human body corresponding to the selected zone configurations ~~so as to provide repeated localised external stimulation at one or selected activation zone configuration~~; and

a user interface device permitting the user to relate each of a plurality of distinct interface zones of the interface device to a respective independent stimulator element.